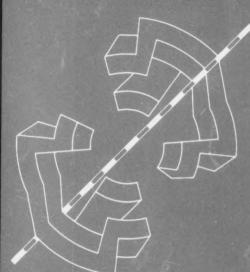
ISSN 0012-365X

# **DISCRETE**MATHEMATICS



MASTER INDEX VOLUMES 171–180

#### DISCRETE MATHEMATICS

Editor-in-Chief Peter L. Hammer, Piscataway (NJ)

#### Advisory Editors

C. Berge, Paris A.J. Hoffman,

Yorktown Heights (NY)

V.L. Klee, Seattle (WA) R.C. Mullin, Waterloo

D. Foata, Strasbourg

R.C. Mullin, Waterloo G.-C. Rota, Cambridge (MA)

V. Chvátal, Piscataway (NJ)

V.T. Sós, Budapest J.H. van Lint, Eindhoven

#### **Board of Editors**

M.S. Aigner, Berlin
B. Alspach, Burnaby
G.E. Andrews, Univ. Park (PA)
A. Barlotti, Firenze
C. Benzaken, Grenoble
J.-C. Bermond,
Sophia-Antipolis
N.L. Biggs, London
B. Bollobás, Memphis (TN)
R.A. Brualdi, Madison (WI)
T.H. Brylawski,
Chapel Hill (NC)

P.J. Cameron, London P. Camion, Le Chesnay

G. Chartrand, Kalamazoo (MI)

A.S. Fraenkel, Rehovot
P. Frankl, Tokyo
A.M. Frieze, Pittsburgh (PA)
I.M. Gessel, Waltham (MA)
R.L. Graham,
Florham Park (NJ)
A. Hajnal, Budapest
F. Harary, Las Cruces (NM)
D.M. Jackson, Waterloo
J. Kahn, Piscataway (NJ)
G.O.H. Katona, Budapest
D.J. Kleitman,
Cambridge (MA)

A.V. Kostochka, Novosibirsk
L. Lovász, New Haven (CT)
I. Rival, Ottawa
A. Rosa, Hamilton
S. Rudeanu, Bucharest
H. Sachs, Ilmenau
J. Schonheim, Tel-Aviv
N.J.A. Sloane
Florham Park (NJ)
C. Thomassen, Lyngby
W.T. Tutte, Newmarket
D.J.A. Welsh, Oxford
R. Wille, Darmstadt
D.R. Woodall, Nottingham
H.P. Yap, Singapore

Editorial Manager Nelly Segal Issue Manager Mick van Gijlswijk

Publication Information. Discrete Mathematics (ISSN 0012-365X). For 1998 volumes 178–193 are scheduled for publication. A combined subscription to Discrete Mathematics and Discrete Applied Mathematics (Vols. 80–88) at reduced rate is available. Subscription prices are available upon request from the Publisher. Subscriptions are accepted on a prepaid basis only and are entered on a calendar year basis. Issues are sent by surface mail except to the following countries where air delivery via SAL is ensured: Argentina, Australia, Brazil, Canada, Hong Kong, India, Israel, Japan, Malaysia, Mexico, New Zealand, Pakistan, China, Singapore, South Africa, South Korea, Taiwan, Thailand, USA. For all other countries airmail rates are available upon request. Claims for missing issues must be made within six months of our publication (mailing) date. For orders, claims, product enquiries (no manuscript enquiries) please contact the Customer Support Department at the Regional Sales Office nearest to you:

New York, Elsevier Science, P.O. Box 945, New York, NY 10159-0945, USA. Tel: (+1) 212-633-3730, [Toll Free number for North American Customers: 1-888-4ES-INFO (437-4636)], Fax: (+1) 212-633-3680, E-mail: usinfo-f@elsevier.com

**Amsterdam,** Elsevier Science, P.O. Box 211, 1000 AE Amsterdam, Netherlands, Tel: ( + 31) 20-485-3757, Fax: ( + 31) 20-485-3432, E-mail: nlinfo-f@elsevier.nl

**Tokyo**, Elsevier Science, 9-15, Higashi-Azabu 1-chome, Minato-ku, Tokyo 106, Japan. Tel: (+81) 3-5561-5033, Fax: (+81) 3-5561-5047, E-mail: info@elsevier.co.jp

Singapore, Elsevier Science, No. 1 Temasek Avenue, #17-01 Millenia Tower, Singapore 039192. Tel: (+65) 434-3727, Fax: (+65) 337-2230. E-mail: asiainfo@elsevier.com.sg

#### © 1998, Elsevier Science B.V. (North-Holland)

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the Publisher, Elsevier Science B.V., Copyright and Permissions Department, P.O. Box 521, 1000 AM Amsterdam, Netherlands.

Special regulations for authors—Upon acceptance of an article by the journal, the author(s) will be asked to transfer copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

Special regulations, for readers in the USA—This journal has been registered with the Copyright Clearance Center, Inc. Consent is given for copying of articles for personal or internal use, or for the personal use of specific clients. This consent is given on the condition that the copier pays through the Center the per-copy fee stated in the code on the first page of each article for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law. The appropriate fee should be forwarded with a copy of the first page of the article to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA. If no code appears in an article, the author has not given broad consent to copy and permission to copy must be obtained directly from the author. The fee indicated on the first page of an article in this issue will apply retroactively to all articles published in the journal, regardless of the year of publication. This consent does not extend to other kinds of copying such as for general distribution, resale, advertising and promotion purposes, or for creating new collective works. Special written permission must be obtained from the Publisher for such copying.

No responsibility is assumed by the Publisher for any injury and or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein. Although all advertising material is expected to conform to ethical standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.

© The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

Published monthly

0012-365X/98/\$19.00

Printed in the Netherlands

### DISCRETE MATHEMATICS



## DISCRETE MATHEMATICS

MASTER INDEX VOLUMES 171-180



ELSEVIER, Amsterdam-Lausanne-New York-Oxford-Shannon-Tokyo

Abstracted/Indexed in: ACM Computing Reviews, Cambridge Scientific Abstracts, Current Contents: Physical, Chemical & Earth Sciences, International Abstracts in Operations Research, Mathematical Reviews, PASCAL, Science Citation Index, Zentralblatt für Mathematik.

#### © 1998, Elsevier Science B.V. All rights reserved

No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior permission of the Publisher, Elsevier Science B.V., Copyright and Permissions Department, P.O. Box 521, 1000 AM Amsterdam, Netherlands.

Special regulations for authors—Upon acceptance of an article by the journal, the author(s) will be asked to transfer copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

Special regulations for readers in the USA—This journal has been registered with the Copyright Clearance Center, Inc. Consent is given for copying of articles for personal or internal use, or for the personal use of specific clients. This consent is given on the condition that the copier pays through the Center the per-copy fee stated in the code on the first page of each article for copying beyond that permitted by Sections 107 or 108 of the US Copyright Law. The appropriate fee should be forwarded with a copy of the first page of the article to the Copyright Clearance Center, Inc., 222 Rosewood Drive, Danvers, MA 01923, USA. If no code appears in an article, the author has not given broad consent to copy and permission to copy must be obtained directly from the author. The fee indicated on the first page of an article in this issue will apply retroactively to all articles published in the journal, regardless of the year of publication. This consent does not extend to other kinds of copying such as for general distribution, resale, advertising and promotion purposes, or for creating new collective works. Special written permission must be obtained from the Publisher for such copying.

#### 0012-365X/98/\$19.00

No responsibility is assumed by the Publisher for any injury and/or damage to persons or property as a matter of products liability, negligence or otherwise, or from any use or operation of any methods, products, instructions or ideas contained in the material herein.

Although all advertising material is expected to conform to ethical standards, inclusion in this publication does not constitute a guarantee or endorsement of the quality or value of such product or of the claims made of it by its manufacturer.

② The paper used in this publication meets the requirements of ANSI/NISO Z39.48-1992 (Permanence of Paper)

Printed in the Netherlands.

#### Editor-in-Chief

Peter L. Hammer, RUTCOR, Rutgers, the State University of New Jersey, 640 Bartholomew Road, Piscataway, NJ 08854-8003, USA

#### **Advisory Editors**

- C. Berge, E.R. Combinatoire, Centre de Mathématique Sociale, 54 Boulevard Raspail, 75270 Paris Cedex 06, France
- A.J. Hoffman, Mathematical Sciences Department, IBM Thomas Watson Research Center, P.O. Box 218, Yorktown Heights, NY 10598, USA
- V.L. Klee, Department of Mathematics, University of Washington, Seattle, WA 98195, USA
- R.C. Mullin, Department of Combinatorics & Optimization, University of Waterloo, Waterloo, Ont., Canada N2L 3G1
- G.-C. Rota, 1105 Massachusetts Ave., Apr 8G, Cambridge, MA 02138-5216, USA
- V.T. Sós, Mathematical Institute, Elke TTK Analisis 1, Muzeum Krt. 6–8, H-Budapest 8, Hungary
- J.H. van Lint, Technische Universiteit, Insulindelaan 2, 5612 AZ Eindhoven, Netherlands

#### **Board of Editors**

- M.S. Aigner, FB Mathematik, WE2, Freie Universität Berlin, Arnimallee 3, 14195 Berlin 33, Germany
- B. Alspach, Department of Mathematics & Statistics, Simon Fraser University, Burnaby, B.C., Canada V5A 1S6
- G.E. Andrews, Department of Mathematics & Statistics, Pennsylvania State University, University Park, PA 16802, USA
- A. Barlotti, İstituto Matematico "Ulisse Dini", Viale Morgagni 67/A, I-50134 Firenze, Italy
- C. Benzaken, Institute of Advanced Mathematics, Scientific and Medical, University of Grenoble, BP 53X, 38041 Grenoble Cedex, France
- J.-C. Bermond, Informatique, CNRS, URA 1376, 3 rue Einstein, Sophia-Antipolis, 06560 Valbonne, France
- N.L. Biggs, Department of Mathematics, London School of Economics, Houghton Street, London WC2A 2AE, UK
- B. Bollobás, Department of Mathematical Sciences, University of Memphis, Campus Box 526429, Memphis, TN 38152-6429, USA
- R.A. Brualdi, Department of Mathematics, University of Wisconsin-Madison, 480 Lincoln Drive, Madison, WI 53706, USA
- T.H. Brylawski, Department of Mathematics, University of North Carolina, Chapel Hill, NC 27514, USA
- P.J. Cameron, School of Mathematical Sciences, Queen Mary College, University of London, Mile End Road, London E1 4NS, UK
- P. Camion, INRIA, Domaine de Volucean-Rocquencourt, BP 105, Le Chesnay Cedex 78153, France
- G. Chartrand, Department of Mathematics, Western Michigan University, Kalamazoo, MI 49008, USA

- V. Chvátal, Department of Computer Science, Rutgers, the State University of New Jersey, Hill Center, Piscataway, NJ 08855, USA
- D. Foata, Département Mathématique, Université Louis Pasteur, 7 rue René Descartes, F-67084 Strasbourg, France
- A.S. Fraenkel, Department of Applied Mathematics, Weizmann Institute of Science, IL-76100 Rehovot, Israel
- P. Frankl, Shibuya-Ku, Higashi 1-10-30301, Tokyo 150, Japan
- A.M. Frieze, Department of Mathematics, Carnegie Mellon University, Pittsburgh, PA 15213, USA
- I.M. Gessel, Department of Mathematics, Brandeis University, P.O. Box 9110, Waltham, MA 02254-9110, USA
- R.L. Graham, AT&T Bell Laboratories, 180 Park Avenue, Bldg. 103, Florham Park, NJ 07932, USA
- A. Hajnal, Mathematical Institute, Hungarian Academy of Science, Reáltanoda u. 13–15, H-1053 Budapest, Hungary
- F. Harary, Department of Computer Science, New Mexico State University, Las Cruces, NM 88003, USA
- D.M. Jackson, Combinatorics & Optimization, University of Waterloo, Waterloo, Ont., Canada N2L 3G1
- J. Kahn, Department of Mathematics, Rutgers, the State University of New Jersey, Hill Center, Piscataway, NJ 08855, USA
- G.O.H. Katona, Matematik Kutato Intez, Magyar Tudomanyos Akad, Reáltanoda u. 13–15, H-1053 Budapest, Hungary
- D.J. Kleitman, Department of Mathematics, Massachusetts Institute of Technology, Cambridge, MA 02139, USA
- A.V. Kostochka, Institute of Mathematics, Siberian Branch of the RAS, Universitetskii pr., 4, Novosibirsk-90, 630090 Russia
- L. Lovász, Department of Computer Science, Yale University, New Haven, CT 06520, USA
- I. Rival, Department of Computer Science, University of Ottawa, Ottawa, Ont., Canada KIN 6N5
- A. Rosa, Department of Mathematics, McMaster University, Hamilton, Ont., Canada L8S 4K1
- S. Rudeanu, Institutei de Mathematica, University of Bucharest, Str. Academiei 14, 70109 Bucaresti, Romania
- H. Sachs, TH/Sekt. Mathematik, Rechentechnik und Kybernetik, Postfach 327, 98693 Ilmenau, Germany
- J. Schonheim, Department of Mathematics, Tel Aviv University, Ramat Aviv, IL-Tel Aviv, Israel
- N.J.A. Sloane, AT&T Research Labs., Room C233, P.O. Box 971, 180 Park Ave, Florham Park, NJ 07932-0971, USA
- C. Thomassen, Mathematical Institute, Technical University of Denmark, Building 303, DK-2800 Lyngby, Denmark
- W.T. Tutte, 151 Manderston Road, Newmarket, Suffolk CB8 ONS, UK
- D.J.A. Welsh, Mathematical Institute, University of Oxford, 24–29 St. Giles, Oxford OX1 3LB, UK

- R. Wille, Fachbereich Mathematik, Technische Hochschule Darmstadt, Schlossgartenstrasse 7, 64289 Darmstadt, Germany
- D.R. Woodall, Department of Mathematics, University of Nottingham, University Park, Nottingham NG7 2RD, UK
- H.P. Yap, Department of Mathematics, National University of Singapore, Singapore 0511, Singapore



### List of referees: volumes 171–180

DISCRETE MATHEMATICS has continuously benefitted from the kind assistance of a great number of referees. We hereby express our gratitude for their sustained efforts, without which our activity could not have been carried out.

the editors

K.A.S. Abdel-Ghaffar D.M. Acketa R.K. Ahuja M. Aigner A. Ainouche M.O. Albertson N. Alon B. Alspach G.E. Andrews M.H.G. Anthony K.T. Arasu D. Archdeacon E.M. Arkin C.A. Athanasiadis L. Bader M.C. Balbuena J. Bang-Jensen S.P. Banks I. Barany A.E. Barkauskas A. Barlotti J.P. Barthelemy C. Bartolone L.M. Batten J. Beck L.W. Beineke E.A. Bender F.E. Bennett W. Benz C. Benzaken C. Berge

K.A. Berman

J.-C. Bermond

S. Bezroukov

A. Bichara

T. Biedl

A. Beutelspacher

J. Berstel

M. Biliotti J.C. Bioch A. Biorner A. Blass A. Blokhuis H.L. Bodlaender K.P. Bogart B. Bollobás O.V. Borodin E. Boros A. Brandstadt P.S. Bremser R.C. Brigham G.R. Brightwell A. Brini H.J. Broersma A.E. Brouwer R.A. Brualdi F. Buekenhout R.E. Burkard I Cahit L. Cai Cai Mao-cheng L.R.A. Casse P.V. Ceccherini Chang Gerard J. Chen Ciping Chen Jianer J. Cheriyan G.L. Cherlin W. Cherowitzo G.A. Cheston A.G. Chetwynd C.J. Cho C. Choffrut R. Ciampi Procesi R. Cignoli

J.H.E. Cohn

C.J. Colbourn K.L. Collins D.G. Corneil P. Corsini L.J. Cowen Y. Crama H. Crapo J.D. Currie T.W. Cusick D. Cvetkovic F. De Clerck H. de Fraysseix M.J. de Resmini A. Del Fra A. Delandtsheer P. Delsarte A. Denise U. Derigs J. Desarmenien W. Deuber G. Ding Ding Ren H. Dobbertin D. Dorninger F.F. Dragan A.W.M. Dress K. Drudge B Du D.Z. Du D. Duffus A.J.W. Duijvestijn G.L. Ebert Y. Egawa

S. Eliahou

K. Engel H. Enomoto

M.N. Ellingham

R.C. Entringer

F. Eugeni R. Euler A.V. Evako U. Faigle G. Faina S. Faitlowicz O. Favaron U. Feige A. Feigelson M.R. Fellows G. Ferrero B. Fichet S. Fiorini J.C. Fisher C. Flotow D. Foata D.G. Fon-Der-Flaass J.A. Foster A.S. Fraenkel G.A. Freiman A.M. Frieze M. Funk H. Furstenberg H. Galeana-Sanchez F. Galvin B. Ganter T. Gao F. Gavril I Gessel E. Girlich W. Goddard C.D. Godsil M.C. Golumbic R.J. Gould R.L. Graham G. Gratzer J.R. Griggs J.L. Gross L.K. Grover B. Grunbaum A.J. Guelzow D.R. Guichard B. Guiduli Y. Guo V.A. Gurvich G.Z. Gutin A.J. Guttmann A. Gyarfas W.H. Haemers

G. Hahn

A. Hajnal

S.L. Hakimi

F.B. Hanson

H. Halberstam

Y.O. Hamidoune

F. Harary T. Harju J. Haviland H. Havlicek T.W. Haynes R.B. Hayward K. Heinrich W Heise P. Hell L. Hellerstein T. Helleseth M. Henk M.A. Henning A. Hertz P. Higgins R. Hill W. Hochstaettler C. Hoede D.A. Holton T. Honold A.B. Huseby T. Ibaraki G. Isaak A. Itai M.S. Jacobson J.C.M. Janssen J. Jedwab S. Jendrol D. Jennings T.R. Jensen V. Jha N.L. Johnson L.K. Jorgensen M. Jungerman D. Jungnickel J. Kahn T. Kameda L. Kandiller M. Kano H. Karzel P.M. Kayll A.D. Keedwell A.K. Kelmans A. Kerber A.E. Kezdy J. Kilian Kim Jeong Han V. Klee M.H. Klin D. Kobler K.M. Koh G. Korchmaros R.R. Korfhage A.V. Kostochka S. Kounias

D. Kratsch G. Kreweras M. Krivelevich D. Krob G.J. Lallement C.W.H. Lam P. Langevin L.J. Langley J.F. Lawrence A. Lawrenz J. Lehel P. Leroux L.M. Lesniak Li Rao P. Liardet Lih Ko-wei C. Lindner V. Linek S.L.S. Lins V.A. Liskovets Liu Guizhen Liu Jiuqiang Liu Yanpei S.C. Locke M. Loebl Z. Lonc L. Lovasz M. Lovrecic Sarazin G. Lunardon F. Maffray N.V.R. Mahadev M. Maheo E.S. Mahmoodian A. Mandel M. Marchi O. Marcotte N. Martin H. Martini D. Marusic R. Mathon M. Matsumoto S.B. Maurer W. McCuaig C. McDiarmid T.A. McKee F.R. McMorris P. McMullen L.S. Melnikov N. Melone G. Menichetti K. Metsch W.H. Mills M. Minoux D. Moews

I. Krasikov

B. Monjardet A. Montpetit S.B. Morris H. Mueller H.M. Mulder X. Munoz M.E. Muzychuk C.M. Mynhardt D. Naor C.St.J. Nash-Williams L. Nebesky S. Negami J. Nesetril J.-L. Nicolas T. Niessen K. Nomura L. Novak R. Nowakowski L. O'Connor J. O'Rourke O.R. Oellermann D. Olanda S. Olariu O. Ordaz P.P. Orlik

J.G. Oxley L. Pachter P.P. Palfy O. Patashnik S. Patkar G. Paun S.E. Payne I. Peer U.N. Peled J.G. Penaud K.T. Phelps M.J. Plantholt V.S. Pless A. Pluhar M.D. Plummer K.S. Poh N. Polat A. Poli B. Poonen R. Poschel M. Preissmann E. Prisner H. Prodinger J.S. Provan P. Quattrocchi J. Radhakrishnan C. Rasmussen D. Rawlings R.C. Read A. Recski

B.A. Reed K.B. Reid T.J. Reid B. Richmond R.B. Richter J. Richter-Gebert G. Ringel A. Robert M.S. Roddy C.A. Rodger Y. Roditty O.J. Rodseth A. Rosa L.A. Rosati M. Rosenfeld G.-C. Rota O.S. Rothaus S. Rudeanu I.Z. Ruzsa Z. Ryjacek R. Saad H. Sachs A. Saito M. Saks A. Salomaa A. Sancdhez-Arroyo B. Sands M.V. Sapir N.W. Sauer R. Scapellato A.A. Schaffer R.H. Schelp I. Schiermeyer E. Schmeichel J.H. Schmerl B. Schmidt M. Schultz P.C. Schuur C.M. Scoppola B. Servatius B.L. Shader N.A. Shalaby R. Shamir M. Sharir J. Sheehan Shen Minggang Y. Shi I.E. Shparlinski G. Simonyi C.C. Sims J. Siran

S.S. Skiena

M. Skoviera

N.J.A. Sloane

D.H. Smith

W.F. Smyth H.S. Snevily M. Sohoni P. Sole V. Soltan S. Spartalis J. Spinrad A.P. Sprague S. Stahl W.L. Steiger F. Stenger K. Strambach V. Strehl R.A. Sulanke D.P. Sumner X. Sun Z.-W. Sun T. Szalay L.A. Szekely T. Szonvi C. Tardif S.E. Tavares P. Terwilliger J.A. Thas J.Y. Thibon G. Thierrin R. Thomas C. Thomassen M.J. Thomsen S. Todorcevic D.T. Todorov V.D. Tonchev G. Toth A.N. Trenk V.I. Trofimov M. Tsuchiya A. Tucker W.T. Tutte H. Tverberg D. Ullman U. Vaccaro J. van den Heuvel G.H.J. van Rees H.J. Veldman P.D. Vestergaard L. Volkmann T. Vougiouklis K. Walker W.D. Wallis T. Walsh Wang Hong Wang Weifan J.J. Watkins M.E. Watkins H. Wefelscheid

#### List of referees: volumes 171-180

D.J.A. Welsh D.B. West J. West A.T. White D.E. White M. Wild J. Wimp D.R. Woodall

N.C. Wormald Wu Haidong N.H. Xuong M. Yannakakis H.P. Yap A. Yeo N. Zagaglia Salvi J. Zaks C. Zanella T. Zaslavsky D. Zeilberger Zhang Cun-Quan Zhou Huishan G.M. Ziegler J.S. Zito

# Master index of volumes 171–180

Abramov, S.A., P. Paule and M. Petkovšek, q-Hyper-			
geometric solutions of q-difference equations	180	(1998)	3- 22
Achlioptas, D., J.I. Brown, D.G. Corneil and M.S.O. Molloy,			
The existence of uniquely $-G$ colourable graphs	179	(1998)	1- 11
Aharoni, R., G.T. Herman and A. Kuba, Binary vectors			
partially determined by linear equation systems	171	(1997)	1- 16
Ainouche, A., Quasi-claw-free graphs	179	(1998)	13- 26
Ajoodani-Namini, S., All block designs with $b = {v \choose k}/2$ exist	179	(1998)	27- 35
Albertson, M.O. and R. Haas, The edge chromatic difference			
sequence of a cubic graph	177	(1997)	1- 8
Alekseyevskaya, T.V. and I.M. Gelfand, Incidence			
matrices, geometrical bases, combinatorial prebases and			
matroids	180	(1998)	23- 44
Alon, N., Packings with large minimum kissing numbers			
(Note)	175	(1997)	249-251
Alpin, J. and R. Mubarakzianow, The bases of weighted			
graphs	175	(1997)	1- 11
Anstee, R.P. and A. Sali, Sperner families of bounded VC-			
dimension	175	(1997)	13- 21
Anstee, R.P. and L. Caccetta, Orthogonal matchings	179	(1998)	37- 47
Apartsin, A., E. Ferapontova and V. Gurvich, A circular			
graph - counterexample to the Duchet kernel conjec-			
ture (Note)	178	(1998)	229-231
Armanious, M.H., Construction of nilpotent sloops of class n	171	(1997)	17- 25
Aslam, M., see Q. Mushtaq	179	(1998)	145-154
Bacsó, G., On a conjecture about uniquely colorable perfect			
graphs	176	(1997)	1- 19
Balbuena, M.C., A. Carmona, J. Fàbrega and M.A. Fiol,			
Connectivity of large bipartite digraphs and graphs	174	(1997)	3- 17
Balbuena, M.C., A. Carmona, J. Fàbrega and M.A. Fiol,			
On the order and size of s-geodetic digraphs with given			
connectivity	174	(1997)	19- 27

Bálint, V., Two packing problems (Note)	178	(1998)	233-236
Ball, S., On small complete arcs in a finite plane Bange, D.W., A.E. Barkauskas, L.H. Host and L.H. Clark,	174	(1997)	29- 34
Efficient domination of the orientations of a graph	178	(1998)	1- 14
Banković, D., Horn sentences in Post algebras ( <i>Note</i> )	173	(1997)	269-275
Bao, X., see C. Ye	172	(1997)	155-162
Bao, XW., see NZ. Li	172	(1997)	79- 84
Barcucci, E., A.D. Lungo, E. Pergola and R. Pinzani,		,	
A methodology for plane tree enumeration	180	(1998)	45- 64
Barg, A., A large family of sequences with low periodic	176	(1007)	21 27
correlation	176	(1997)	21- 27
Barkauskas, A.E., see D.W. Bange	178	(1998)	1- 14
Benchekroun, S. and P. Moszkowski, A bijective proof of an	157	(1005)	272 277
enumerative property of legal bracketings (Note)	176	(1997)	273-277
Berardi, L., On blocking sets in a design (Note)	177	(1997)	249-257
Berardi, L., M. Buratti and S. Innamorati, 4-Blocked		(100=)	
Hadamard 3-designs	174	(1997)	35- 46
Berenbom, J., J. Fendel, G.T. Gilbert and R.L. Hatcher,	100		
Sliding piece puzzles with oriented tiles	175	(1997)	23- 33
Berman, D.M., A.J. Radcliffe, A.D. Scott, H. Wang and			
L. Wargo, All trees contain a large induced subgraph			
having all degrees $1 \pmod{k}$	175	(1997)	35- 40
Berman, J. and G. Bordalo, Finite distributive lattices and			
doubly irreducible elements (Note)	178	(1998)	237 - 243
Bhargava, M., Congruence preservation and polynomial			
functions from $\mathbb{Z}_n$ to $\mathbb{Z}_m$	173	(1997)	15- 21
Biane, P., Some properties of crossings and partitions	175	(1997)	41 - 53
Bier, T. and A. Kleinschmidt, Centrally symmetric and magic			
rectangles	176	(1997)	29- 42
Billington, E.J. and D.G. Hoffman, The intersection problem			
for star designs (Note)	179	(1998)	217-222
Biondi, P., A classification of finite $\{n-2, n-1\}$ -point-			
biregular spaces	174	(1997)	47- 71
Boesch, F., see L. Petingi	179	(1998)	155-166
Bollobás, B. and O. Riordan, On some conjectures of Graffiti			
(Note)	179	(1998)	223-230
Bollobás, B., N. Hegyvári and G. Jin, On a problem of Erdős			
and Graham (Note)	175	(1997)	253-257
Bóna, M., Permutations avoiding certain patterns: The case			
of length 4 and some generalizations	175	(1997)	55- 67
Bordalo, G., see J. Berman	178	(1998)	237-243
Borobia, A. and V. Chumillas, *-graphs of vertices of the			
generalized transitive tournament polytope	179	(1998)	49- 57

Boros, E and V. Gurvich, A corrected version of the Duchet			
kernel conjecture (Note)	179	(1998)	231-233
Borovik, A.V., I. Gelfand and N. White, On exchange			
properties for Coxeter matroids and oriented matroids	179	(1998)	59- 72
Boswell, S.G. and J. Simpson, Edge-disjoint maximal planar	170	(1000)	225 241
graphs ( <i>Note</i> ) Bottreau, A., A.D. Bucchianico and D.E. Loeb, Computer	179	(1998)	235-241
algebra and Umbral Calculus	180	(1998)	65 72
Bousquet-Mélou, M., New enumerative results on two-	100	(1998)	65- 72
dimensional directed animals	180	(1998)	73-106
Bouwkamp, C.J., On step-2 transforms for simple perfect	100	(1770)	75-100
squared squares (Note)	179	(1998)	243-252
Brandstädt, A., V.B. Le and T. Szymczak, Duchet-type	112	(1770)	210 202
theorems for powers of HHD-free graphs	177	(1997)	9- 16
Brandstädt, A., F. F. Dragan and F. Nicolai, LexBFS-order-		()	
ings and powers of chordal graphs	171	(1997)	27- 42
Broersma, H., H. Li, J. Li, F. Tian and H.J. Veldman, Cycles			
through subsets with large degree sums	171	(1997)	43- 54
Brown, J.I., see D. Achlioptas	179	(1998)	1- 11
Brunat, J.M., M.A. Fiol and M.L. Fiol, Digraphs on			
permutations	174	(1997)	73- 86
Bryant, D.E., .A. Rodger and E.R. Spicer, Embeddings of			
<i>m</i> -cycle systems and incomplete <i>m</i> -cycle systems: $m \le 14$	171	(1997)	55- 75
Bucchianico, A.D., see A. Bottreau	180	(1998)	65- 72
Buratti, M., see L. Berardi	174	(1997)	35- 46
Burkard, R.E., see Q.F. Yang	176	(1997)	233-254
Caccetta, L., see R.P. Anstee	179	(1998)	37- 47
Campbell, C.M., On cages for girth pair (6, b) (Note)	177	(1997)	259-266
Carmona, A., see M.C. Balbuena	174	(1997)	3- 17
Carmona, A., see M.C. Balbuena	174	(1997)	19- 27
Çela, E., see Q.F. Yang	176	(1997)	233-254
Ćepulić, V., The unique symmetric block design (61, 16, 4)			
admitting an automorphism of order 15 operating			
standardly (Note)	175	(1997)	259-263
Chan, W.H., see P.C.B. Lam	173	(1997)	285-289
Chao, CY., A critically chromatic graph	172	(1997)	3- 7
Chao, CY., ZY. Guo and NZ. Li, On q-graphs	172	(1997)	9- 16
Chao, J.M. and H. Kaneta, Classical arcs in $PG(r,q)$ for			0.7
$11 \leqslant q \leqslant 19$	174	(1997)	
Chen, W. and T. Kløve, Disjoint sets of distinct sum sets Chen, X.E. and K.Z. Ouyang, Chromatic classes of certain	175	(1997)	69- 77
2-connected $(n, n + 2)$ -graphs homeomorphic to $K_4$	172	(1997)	17- 29
- The transfer of the state of		1	

Chen, X.E. and K.Z. Ouyang, Chromatic classes of certain			
2-connected $(n, n + 2)$ -graphs II	172	(1997)	31- 38
Chen, ZH., Supereulerian graphs, independent sets, and		,	
degree-sum conditions	179	(1998)	73-87
Chetwynd, A.G. and S.J. Rhodes, Avoiding partial Latin			
squares and intricacy	177	(1997)	17- 32
Chew, K.H., On Vizing's theorem, Adjacency lemma and fan			
argument generalized to multigraphs (Note)	171	(1997)	283-286
Chia, G.L., A bibliography on chromatic polynomials			
(Appendix)	172	(1997)	175-191
Chia, G.L., On the chromatic equivalence class of graphs	178	(1998)	15- 23
Chia, G.L., Some problems on chromatic polynomials	172	(1997)	39- 44
Chiang, NP. and HL. Fu, On upper bounds for the			
pseudo-achromatic index	175	(1997)	79- 86
Chu, W., Distributivity and decomposability on the lattices			
satisfying the chain conditions	174	(1997)	95- 97
Chuan, WF., α-Words and factors of characteristic se-			
quences	177	(1997)	33 - 50
Chumillas, V., see A. Borobia	179	(1998)	49 - 57
Clark, L.H. and D. Haile, Remarks on the size of critical			
edge-chromatic graphs (Note)	171	(1997)	287-293
Clark, L.H., see D.W. Bange	178	(1998)	1- 14
Cockayne, E.J., J.H. Hattingh, S.M. Hedetniemi, S.T.			
Hedetniemi and A.A. McRae, Using maximality			
and minimality conditions to construct inequality	150	(1005)	10 (1
chains	176	(1997)	43- 61
Cohn, K.J., Cyclomatic numbers of planar graphs ( <i>Note</i> )	178	(1998)	245-250
Cole, T., Non-crossing of plane minimal spanning and min-	177	(1007)	51 (5
imal T1 networks	177	(1997)	51- 65
Corneil, D.G., see D. Achlioptas Corsani, C., D. Merlini and R. Sprugnoli, Left-inversion of	179	(1998)	1- 11
combinatorial sums	190	(1000)	107 122
Craft, D.L., On the genus of joins and compositions of	180	(1998)	107–122
graphs	170	(1000)	25 50
graphs	178	(1998)	25- 50
Darrah, M., YP. Liu and CQ. Zhang, Cycles of all lengths			
in arc-3-cyclic semicomplete digraphs	173	(1997)	23- 33
da Silva, I.P.F., Note on inseparability graphs of matroids	1/3	(1997)	25- 55
having exactly one class of orientations	171	(1997)	77- 87
de la Torre, P. and D.T. Kao, An algebraic approach to the	1/1	(1))))	11-01
prefix model analysis of binary trie structures and set			
intersection algorithms	180	(1998)	123-142
Del Fra, A., On two new classes of semibiplanes	174	(1997)	107-116
F		1	

Del Fra, A. and G. Pica, Flag-transitive $C_2$ . $L_n$ geometries Deutsch, E., A bijection on Dyck paths and its consequences	174	(1997)	99-105
(Note) Ding, K., Rook placements and generalized partition	179	(1998)	253-256
varieties	176	(1997)	63- 95
Doignon, JP. and JC. Falmagne, Well-graded families of relations	172	(1007)	25 44
Dong, F.M and K.M. Koh, On the structure and chromatic-	173	(1997)	35- 44
ity of graphs in which any two colour classes induce			
a tree	176	(1997)	97 - 113
Dragan, F.F., see A. Brandstädt	171	(1997)	27- 42
Du, DZ., see PJ. Wan	171	(1997)	261-275
Dulucq, S. and O. Guibert, Baxter permutations	180	(1998)	143-156
Durand, F., A characterization of substitutive sequences		()	
using return words	179	(1998)	89 - 101
Dvořák, T., I. Havel and P. Liebl, Euler cycles in the com-			
plete graph $K_{2m+1}$	171	(1997)	89-102
Egawa, Y., Contractible cycles in graphs with large min-			
imum degree	171	(1997)	103-119
Endo, T., The pagenumber of toroidal graphs is at most		()	
seven	175	(1997)	87- 96
Era, H. and M. Tsuchiya, On upper bound graphs whose			
complements are also upper bound graphs	179	(1998)	103-109
Erdős, P., A. Gyárfás and Y. Kohayakawa, The size of the			
largest bipartite subgraphs (Note)	177	(1997)	267-271
Erdős, P. and P. Fishburn, Distinct distances in finite planar		, ,	
sets	175	(1997)	97-132
Etienne, G. and M.L. Vergnas, External and internal ele-		(2221)	,
ments of a matroid basis	179	(1998)	111-119
	1/9	(1990)	111-119
Ettinger, J.M., Finitely presented partially ordered abelian	175	(1007)	122 141
groups	175	(1997)	133–141
Fàbrega, J., see M.C. Balbuena	174	(1997)	3- 17
Fàbrega, J., see M.C. Balbuena	174	(1997)	19- 27
Faina, G. and F. Pambianco, Small complete caps in			
$PG(r,q), r \geqslant 3$	174	(1997)	117-123
Falmagne, JC., see JP. Doignon	173	4	
Faudree, R.J. and R.J. Gould, Characterizing forbidden pairs	1/3	(1777)	33- 44
	173	(1007)	45 (0
for hamiltonian properties	173	, , ,	
Favaron, O. and J. Puech, Irredundance in grids ( <i>Note</i> ) Feinsilver, P. and R. Schott, Formal power series, operator	179	(1998)	257-265
calculus, and duality on Lie algebras	180	(1998)	157-171

Fendel, J., see J. Berenbom	175	(1997)	23- 33
Ferapontova, E., see A. Apartsin	178	(1998)	229-231
Feretić, S., A new way of counting the column-convex	1/0	(1770)	447 431
polyominoes by perimeter	180	(1998)	173-184
Fiol, M.A., see J.M. Brunat	174	(1997)	73- 86
Fiol, M.A., see M.C. Balbuena	174	(1997)	3- 17
Fiol, M.A., see M.C. Balbuena	174	(1997)	19- 27
Fiol, M.L., see J.M. Brunat	174	(1997)	73- 86
Fiorini, S., see I. Sciriha	174	(1997)	293-308
Fishburn, P., see P. Erdős	175	(1997)	97-132
Flandre, O., Four results about self-blocking clutters	178	(1998)	51- 62
Fon-Der-Flaass, D.G., Arrays of distinct representatives	1.0	(1770)	01 02
— a very simple NP-complete problem ( <i>Note</i> )	171	(1997)	295-298
Fu, HL., see NP. Chiang	175	(1997)	79- 86
Fu, H.L., C.C. Lindner and C.A. Rodger, Two Doyen-		(2221)	,, 00
Wilson theorems for maximum packings with triples	178	(1998)	63- 71
Fulmek, M., Dual rook polynomials	177	(1997)	67- 81
a diller, wit, Dan took perfilonials	***	(2))))	07 01
Galeana-Sánchez, H. and X. Li, Kernels in a special class of			
digraphs	178	(1998)	73- 80
Gardner, R., B. Micale, M. Pennisi and R. Zijlstra, Cyclic	110	(1770)	75 00
and rotational hybrid triple systems	171	(1997)	121-139
Gardner, R., B. Micale, M. Pennisi and R. Zijlstra, Cyclic		(*****)	121 107
and rotational hybrid triple systems	175	(1997)	143-161
Gasparian, G., see S. Markossian	178	(1998)	137-153
Gasse, E., A proof of a circle graph characterization ( <i>Note</i> )	173	(1997)	277-283
Geldenhuys, G., see W.F.D. Theron	178	(1998)	213-220
Gelfand, I., see A.V. Borovik	179	, , , , ,	59- 72
Gelfand, I.M., see T.V. Alekseyevskaya	180	(1998)	23- 44
Giakoumakis, V., On the closure of graphs under sub-		()	
stitution	177	(1997)	83- 97
Gilbert, G.T., see J. Berenbom	175	(1997)	23- 33
Gionfriddo, M., F. Harary and Z. Tuza, The color cost of		(/	
a caterpillar	174	(1997)	125-130
Gould, R.J., see R.J. Faudree	173	(1997)	45- 60
Gourdon, X., Largest component in random combinatorial		,	
structures	180	(1998)	185-209
Graham, R.L., see PJ. Wan	171	(1997)	261-275
Greferath, M., Cyclic codes over finite rings (Note)	177	(1997)	273-277
Griggs, T.S. and B.J. Wilson, Distance-regular graphs,		, , ,	
MH-colourings and MLD-colourings	174	(1997)	131-135
Gropp, H., Configurations and their realization	174	(1997)	137-151
Guibert, O., see S. Dulucq	180	(1998)	143-156

Guo, ZY. and E.G. Whitehead Jr., Chromaticity of a family			
of $K_4$ homeomorphs	172	(1997)	53- 58
Guo, ZY., On T-chromatic uniqueness of graphs	172	(1997)	45- 51
Guo, ZY., see CY. Chao	172	(1997)	9- 16
Gurgel, M.A.C.M. and Y. Wakabayashi, Adjacency of			
vertices of the complete pre-order polytope	175	(1997)	163-172
Gurvich, V., see A. Apartsin	178	(1998)	229-231
Gurvich, V., see E. Boros	179	(1998)	231-233
Gvozdjak, P., On the Oberwolfach problem for complete multigraphs	173	(1997)	61 60
Gyárfás, A., Z. Király and J. Lehel, On-line 3-chromatic	175	(1997)	61- 69
graphs — II: Critical graphs	177	(1997)	00 122
Gyárfás, A., see P. Erdős	177	,	99-122
Gyanas, A., see F. Eldos	1//	(1997)	267-271
Haas, R., see M.O. Albertson	177	(1997)	1- 8
Habsieger, L., Binary codes with covering radius one: Some			
new lower bounds	176	(1997)	115-130
Haile, D., see L.H. Clark	171	(1997)	287-293
Hansen, P., F. Zhang and M. Zheng, Perfect matchings and			
ears in elementary bipartite graphs	176	(1997)	131 - 138
Harary, F., see M. Gionfriddo	174	(1997)	125-130
Hatcher, R.L., see J. Berenbom	175	(1997)	23- 33
Hattingh, J.H. and E. Ungerer, Minus k-subdomination in			
graphs II	171	(1997)	141-151
Hattingh, J.H., see E.J. Cockayne	176	(1997)	43- 61
Havel, I., see T. Dvořák	171	(1997)	89 - 102
Havlicek, H., Affine circle geometry over quaternion skew			
fields	174	(1997)	153-165
Hedetniemi, S.M., see E.J. Cockayne	176	(1997)	43- 61
Hedetniemi, S.T., see E.J. Cockayne	176	(1997)	43- 61
Hegyvári, N., see B. Bollobás	175	(1997)	253-257
Heim, U., Proper blocking sets in projective spaces	174	(1997)	167-176
Herman, G.T., see R. Aharoni	171	(1997)	1- 16
Hespel, C. and G. Jacob, First steps towards exact algebraic			
identification	180	(1998)	211-219
Higuchi, A., Lattices of closure operators (Note)	179	(1998)	267-272
Hirschfeld, J.W.P., Complete arcs	174	(1997)	177-184
Hoang Ngoc Minh, Fonctions de Dirichlet d'ordre n et de			
paramètre t	180	(1998)	221-241
Hoffman, D.G., see E.J. Billington	179	(1998)	217-222
Horňák, M. and R. Soták, Asymptotic behaviour of the			
observability of $Q_n$	176	(1997)	139-148
Host, L.H., see D.W. Bange	178	(1998)	1- 14

Hotje, H., A remark on the Beckman/Quarles theorem	174	(1997)	185-186
Huang, Q., see J. Meng	178	(1998)	267-269
Huang, Y. and Y. Liu, Maximum genus and maximum		()	
nonseparating independent set of a 3-regular graph	176	(1997)	149-158
Ille, P., Indecomposable graphs	173	(1997)	71- 78
Innamorati, S., see L. Berardi	174	(1997)	35- 46
Isaksen, D.C. and D.P. Moulton, Randomly planar graphs		,	
(Note)	175	(1997)	265-269
Jackson, B. and J. Sheehan, The structure of transform			
graphs	177	(1997)	123-144
Jacob, G., see C. Hespel	180	(1998)	211-219
Jacobson, M., G.M. Levin and E.R. Scheinerman, On frac-		,	
tional Ramsey numbers	176	(1997)	159-175
Jagger, C., Tournaments as strong subcontractions	176	(1997)	177-184
Jin, G., see B. Bollobás	175	(1997)	253-257
Jordán, T., On the existence of $(k, l)$ -critical graphs $(Note)$	179	(1998)	273-275
Kaikkonen, M.K., see P.R.J. Östergård	178	(1998)	165-179
Kaneko, J., Constant term identities of Forrester-Zeilberger-		(2270)	100 1/2
Cooper	173	(1997)	79- 90
Kaneta, H., see J.M. Chao	174	(1997)	87- 94
Kao, D.T., see P. de la Torre	180	(1998)	123-142
Karapetian, I., see S. Markossian	178	(1998)	137-153
Karoński, M. and T. Łuczak, The number of connected		()	
sparsely edged uniform hypergraphs	171	(1997)	153-167
Katriel, J., Minimal set of class-sums characterizing the			
ordinary irreducible representations of the symmetric			
group, and the Tarry-Escott problem	173	(1997)	91- 95
Kelmans, A.K., Optimal packing of induced stars in a graph	173	(1997)	97-127
Kierstead, H.A. and J. Quintana, Square Hamiltonian cycles			
in graphs with maximal 4-cliques	178	(1998)	81- 92
Kingan, S.R., A generalization of a graph result of D.W. Hall	173	(1997)	129-135
Király, Z., see A. Gyárfás	177	(1997)	99-122
Klain, D.A., Kinematic formulas for finite vector spaces	179	(1998)	121-132
Kleinschmidt, A., see T. Bier	176	(1997)	29- 42
Kløve, T., On codes satisfying the double chain condition	175	(1997)	173-195
Kløve, T., see W. Chen	175	(1997)	69- 77
Koh, K.M. and B.P. Tan, The diameter of an orientation of			
a complete multipartite graph [Discrete Math. 149 (1996)			
131-139] (Addendum)	173	(1997)	297-298

Koh, K.M. and K.L. Teo, The search for chromatically			
unique graphs — II	172	(1997)	59- 78
Koh, K.M., see F.M. Dong	176	(1997)	97-113
Kohayakawa, Y., see P. Erdős	177	(1997)	267-271
Korzhik, V.P., A possibly infinite series of surfaces with		,	
known 1-chromatic number	173	(1997)	137-149
Koseleff, PV., Relations among Lie-series transformations			
and isomorphisms between free Lie algebras	180	(1998)	243-254
Kratochvíl, J. and A. Kuběna, On intersection representa-			
tions of co-planar graphs (Note)	178	(1998)	251-255
Kuba, A., see R. Aharoni	171	(1997)	1- 16
Kuběna, A., see J. Kratochvíl	178	(1998)	251-255
Lai, HJ., Eulerian subgraphs containing given vertices and			
hamiltonian line graphs	178	(1998)	93-107
Lam, P.C.B., W.C. Shiu, W.H. Chan and Y. Lin, On the			
bandwidth of convex triangulation meshes (Note)	173	(1997)	285-289
Le, V.B., see A. Brandstädt	177	(1997)	9- 16
Lehel, J., see A. Gyárfás	177	(1997)	99-122
Lenart, C. and N. Ray, Hopf algebras of set systems	180	(1998)	255-280
Levin, G.M., see M. Jacobson	176	(1997)	159-175
Li, B. and E.C. Milner, The ANTI-order and the fixed point			
property for cacce posets	175	(1997)	197-209
Li, B. and E.C. Milner, Isomorphic ANTI-cores of caccc			
posets	176	(1997)	185-195
Li, C.H., On isomorphisms of connected Cayley graphs	178	(1998)	109-122
Li, H., see H. Broersma	171	(1997)	43- 54
Li, J., see H. Broersma	171	(1997)	43- 54
Li, NZ., see CY. Chao	172	(1997)	9- 16
Li, NZ., XW. Bao and RY. Liu, Chromatic uniqueness of			
the complements of certain forests	172	(1997)	79- 84
Li, NZ., The list of chromatically unique graphs of order-			
seven and eight (Appendix)	172	(1997)	193-221
Li, P., Sequencing the dihedral groups $D_{4k}$ (Note)	175	(1997)	271-276
Li, X., see H. Galeana-Sánchez	178	(1998)	73- 80
Liaw, Y.S., Construction of referee squares	178	(1998)	123-135
Liebl, P., see T. Dvořák	171	(1997)	89-102
Lin, X., M. Zhu, Z. Yu, C. Zhang and Y. Yang, On distinct			
distance sets in a graph (Note)	175	(1997)	277-282
Lin, Y., see P.C.B. Lam	173	(1997)	285-289
Lindner, C.C. and C.A. Rodger, On equationally defining			
extended cycle systems (Perspectives)	173	(1997)	1- 14
Lindner, C.C., see H.L. Fu	178	(1998)	63- 71

Lins, S., Twistors: Bridges among 3-manifolds	177	(1997)	145-165
Little, C.H.C., see YH. Peng	172	(1997)	103-114
Liu, RY., Adjoint polynomials and chromatically unique			
graphs	172	(1997)	85- 92
Liu, RY. and LC. Zhao, A new method for proving			
chromatic uniqueness of graphs	171	(1997)	169 - 177
Liu, RY., see NZ. Li	172	(1997)	79-84
Liu, Y., see Y. Huang	176	(1997)	149 - 158
Liu, YP., see M. Darrah	173	(1997)	23- 33
Lo Faro, G., Constructing 3-chromatic Steiner triple systems	174	(1997)	187 - 190
Loeb, D.E., see A. Bottreau	180	(1998)	65- 72
Lu, Z., The exact value of the harmonious chromatic number			
of a complete binary tree	172	(1997)	93-101
Łuczak, T., see M. Karoński	171	(1997)	153-167
Lunardon, G. and P. Polito, On q-clans in even charac-			
teristic	174	(1997)	191-198
Lungo, A.D., see E. Barcucci	180	(1998)	45- 64
Maharaj, H., Edge frames of graphs: A graph embedding			
problem	177	(1997)	167-184
Markosian, A., see S. Markossian	178	(1998)	137-153
Markossian, S., G. Gasparian, I. Karapetian and A. Markosian,			
On essential components and critical sets of a graph	178	(1998)	137-153
Maruta, T., Cyclic arcs and pseudo-cyclic MDS codes	174	(1997)	199-205
Maxwell, M.M., On rational structures and their asymp-			
totics (Note)	178	(1998)	257-266
McKee, T.A., Clique neighborhoods and nearly chordal		,	
graphs	171	(1997)	179-189
McRae, A.A., see E.J. Cockayne	176	(1997)	43- 61
Meixner, T. and A. Pasini, On flat extended grids	174	(1997)	207-226
Meng, J. and Q. Huang, Almost all Cayley graphs have		/	
diameter 2 (Note)	178	(1998)	267-269
Merlini, D., see C. Corsani	180	(1998)	107-122
Metsch, K., Embedding theorems for locally projective		()	
three-dimensional linear spaces	174	(1997)	227-245
Micale, B., see R. Gardner	171	(1997)	121-139
Micale, B., see R. Gardner	175	(1997)	143-161
Milazzo, L. and Z. Tuza, Upper chromatic number of Steiner	115	(1))))	145 101
triple and quadruple systems	174	(1997)	247-259
Milner, E.C., see B. Li	175	(1997)	197-209
Milner, E.C., see B. Li	176	(1997)	185-195
Minoux, M., Bideterminants, arborescences and extension of	170	(1771)	103-173
the Matrix-Tree Theorem to semirings	171	(1007)	191-200
the matrix rice rheorem to seminings	1/1	(1997)	191-200

Misfeld, J. and C. Zanella, The line geometry of a class of			
linear spaces	174	(1997)	261-269
Mitchem, J. and P. Morriss, On the cost-chromatic number			
of graphs	171	(1997)	201-211
Mizuno, H. and I. Sato, Enumeration of finite field labels on			
graphs	176	(1997)	197-202
Mohar, B., Apex graphs with embeddings of face-width three	176	(1997)	203-210
Moley, A.I., Stirling partitions of the symmetric group and	100	(1000)	201 200
Laplace operators for the orthogonal Lie algebra Molina, R., The centroidal branches of a separable graph are	180	(1998)	281-300
edge reconstructible	170	(1000)	122 142
Molloy, M.S.O., see D. Achlioptas	179 179	(1998)	133-143
Möller, R.G., Topological groups, automorphisms of infinite	1/9	(1998)	1- 11
graphs and a theorem of Trofimov ( <i>Note</i> )	178	(1998)	271-275
Moran, J.F., The growth rate and balance of homogeneous	1/0	(1990)	2/1-2/3
tilings in the hyperbolic plane	173	(1997)	151-186
Morriss, P., see J. Mitchem	171	(1997)	201-211
Moszkowski, P., see S. Benchekroun	176	(1997)	273-277
Moulton, D.P., see D.C. Isaksen	175	(1997)	265-269
Mubarakzianow, R., see J. Alpin	175	(1997)	1- 11
Mushtaq, Q. and M. Aslam, Group generated by two ele-		(000)	
ments of orders two and six acting on $\mathbb{R}$ and $\mathbb{Q}(\sqrt{n})$	179	(1998)	145-154
Mushtaq, Q., On word structure of the modular group over	117	(1770)	143-134
finite and real quadratic fields	178	(1998)	155-164
Muzychuk, M., On Ádám's conjecture for circulant graphs		(******)	100 101
(Corrigendum)	176	(1997)	285-298
		(/	
Nair, P.S., Construction of self-complementary graphs			
(Note)	175	(1997)	283-287
Ng, L.L., Hamiltonian decomposition of complete regular	1/3	(1777)	203-201
multipartite digraphs ( <i>Note</i> )	177	(1997)	279-285
Nicolai, F., see A. Brandstädt	171	(1997)	27- 42
Nolan, J.M., C.D. Savage and H.S. Wilf, Basis partitions	. , .	(1221)	401 14
(Note)	179	(1998)	277-283
Noy, M., Enumeration of noncrossing trees on a circle	180	(1998)	301-313
, , , , , , , , , , , , , , , , , , ,		(2220)	
Östergård, P.R.J. and M.K. Kaikkonen, New upper bounds			
for binary covering codes	178	(1998)	165-179
Östergård, P.R.J., On the structure of optimal error-correct-	1/0	(1990)	103-179
ing codes (Note)	179	(1998)	285-287
Ouyang, K.Z., see X.E. Chen	172	(1997)	17- 29
Ouyang, K.Z., see X.E. Chen	172	(1997)	31- 38
	112	(1771)	01 00

Oxley, J., On packing 3-connected restrictions into 3-con-			
nected matroids	178	(1998)	181-198
Pacco, W. and R. Scapellato, Digraphs having the same			
canonical double covering (Note)	173	(1997)	291-296
Pak , I. and A. Postnikov, A generalization of Sylvester's			
identity (Note)	178	(1998)	277-281
Pambianco, F., see G. Faina	174	(1997)	117-123
Pasini, A., see T. Meixner	174	(1997)	207-226
Paule, P., see S.A. Abramov	180	(1998)	3- 22
Peng, YH., C.H.C. Little, K.L. Teo and H. Wang,			
Chromatic equivalence classes of certain generalized			
polygon trees	172	(1997)	103-114
Pennisi, M., see R. Gardner	171	(1997)	121-139
Pennisi, M., see R. Gardner	175	(1997)	143-161
Perelli Cippo, C., A geometric interpretation of an equality			
by Sylvester	174	(1997)	271-276
Pergola, E., see E. Barcucci	180	(1998)	45- 64
Petingi, L., F. Boesch and C. Suffel, On the characterization			
of graphs with maximum number of spanning trees	179	(1998)	155-166
Petkovšek, M., see S.A. Abramov	180	(1998)	3- 22
Petrovic, V., Kings in bipartite tournaments	173	(1997)	187 - 196
Petrovich, A., Equations in the theory of Q-distributive			
lattices	175	(1997)	211-219
Pica, G., see A. Del Fra	174	(1997)	99-105
Pinzani, R., see E. Barcucci	180	(1998)	45- 64
Pirillo, G., Fibonacci numbers and words	173	(1997)	197-207
Plantholt, M.J. and S.K. Tipnis, The chromatic index of			
multigraphs of order at most 10	177	(1997)	185 - 193
Poirier, S., Cycle type and descent set in wreath products	180	(1998)	315-343
Polito, P., see G. Lunardon	174	(1997)	191-198
Postnikov, A., see I. Pak	178	(1998)	277 - 281
Prince, A.R., Oval configurations of involutions in sym-			
metric groups	174	(1997)	277-282
Przytycka, T.M. and J.H. Przytycki, A simple construction			
of high representativity triangulations	173	(1997)	209-228
Przytycki, J.H., see T.M. Przytycka	173	(1997)	209 - 228
Puech, J., see O. Favaron	179	(1998)	257-265
Quattrocchi, G., On arcs in path designs of block size four	174	(1997)	283-292
Quintana, J., see H.A. Kierstead	178	(1998)	81- 92
Radcliffe, A.J., see D.M. Berman	175	(1997)	35- 40

triple systems and totally symmetric quasigroups       176       (1997)       221-229         Ramirez-Alfonsin, J.L., The spread of $K_n$ 175       (1997)       221-229         Randrianarivony, A., $q$ , $p$ -Analogue des nombres de Catalan       188       (1998)       199-211         Ray, N., see C. Linart       180       (1998)       255-280         Reiner, V., Non-crossing partitions for classical reflection groups       177       (1997)       17-32         Riodes, S.J., see A.G. Chetwynd       177       (1997)       17-32         Riodran, O., see B. Bollobás       179       (1998)       223-230         Rodger, C.A., see D.E. Bryant,       171       (1997)       55-75         Rodger, C.A., see H.L. Fu       178       (1998)       63-71         Rodger, C.A., see M.E. Raines       176       (1997)       211-222         Sakaloglu, A. and A. Satyanarayana, Chromatic polynomials with least coefficients       172       (1997)       121-130         Sali, A., see R.P. Anstee       175       (1997)       121-130         Sali, A., see R.P. Anstee       175       (1997)       121-130         Satyanarayana, A., see A. Sakaloglu       172       (1997)       121-130         Satyanarayana, A., see W. Jacco       172       (1997) <t< th=""><th>Raines, M.E. and C.A. Rodger, Embedding partial extended</th><th></th><th></th><th></th></t<>	Raines, M.E. and C.A. Rodger, Embedding partial extended			
Ramirez-Alfonsin, J.L., The spread of $K_n$ 175       (1997)       221–229         Randrianarivony, A., $a$ , $p$ -Analogue des nombres de Catalan       178       (1998)       199–211         Ray, N., see C. Linart       180       (1998)       255–280         Reiner, V., Non-crossing partitions for classical reflection groups       177       (1997)       195–222         Rhodes, S.J., see A.G. Chetwynd       177       (1997)       17–32         Riordan, O., see B. Bollobás       179       (1998)       223–230         Rodger, C.A., see C.C. Lindner       173       (1997)       1–14         Rodger, C.A., see D.E. Bryant,       171       (1997)       55–75         Rodger, C.A., see M.E. Raines       176       (1997)       211–222         Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients       172       (1997)       211–222         Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast coefficients       172       (1997)       121–130         Sali, A., see R.P. Anstee       175       (1997)       121–130         Sali, A., see R.P. Asticing like sequence of rational numbers       176       (1997)       122–235         Sato, I., see H. Mizuno       176       (1997)       121–130         Satyanarayana, A., see A. Sakalo		176	(1007)	211 222
Randrianarivony, A., q., p-Analogue des nombres de Catalan       178       (1998)       255–280         Ray, N., see C. Linart       180       (1998)       255–280         Reiner, V., Non-crossing partitions for classical reflection groups       177       (1997)       195–222         Rhodes, S.J., see A.G. Chetwynd       177       (1997)       17–32         Riordan, O., see B. Bollobás       179       (1998)       223–230         Rodger, C.A., see C.C. Lindner       173       (1997)       1–14         Rodger, C.A., see D.E. Bryant,       171       (1997)       55–75         Rodger, C.A., see M.E. Raines       176       (1997)       211–222         Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients       172       (1997)       121–222         Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients       172       (1997)       121–130         Sali, A., see R.P. Anstee       175       (1997)       122–225         Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients       176       (1997)       122–222         Sali, A., see R.P. Anstee       175       (1997)       122–223         Sali, S., see S., Sakaloglu       172       (1997)       121–130         Satyanarayana, A.				
Ray, N., see C. Linart       180       (1998)       255–280         Reiner, V., Non-crossing partitions for classical reflection groups       177       (1997)       195–222         Rhodes, S.J., see A.G. Chetwynd       177       (1997)       17–32         Riordan, O., see B. Bollobás       179       (1998)       223–230         Rodger, C.A., see C.C. Lindner       171       (1997)       1–14         Rodger, C.A., see D.E. Bryant,       171       (1997)       55–75         Rodger, C.A., see H.L. Fu       178       (1998)       63–71         Rodger, C.A., see M.E. Raines       176       (1997)       211–222         Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients       172       (1997)       121–122         Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients       172       (1997)       121–130         Sali, A., see R.P. Anstee       175       (1997)       121–130         Sali, A., see R.P. Anstee       175       (1997)       121–130         Satyanarayana, A., see A. Sakaloglu       172       (1997)       121–130         Satyanarayana, A., see A. Sakaloglu       172       (1997)       121–130         Savage, C.D., see J.M. Nolan       179       (1997)       121–130			,	
Reiner, V., Non-crossing partitions for classical reflection groups         177         (1997)         195-222           Rhodes, S.J., see A.G. Chetwynd         177         (1997)         17-32           Riordan, O., see B. Bollobás         179         (1998)         223-230           Rodger, C.A., see C.C Lindner         173         (1997)         55-75           Rodger, C.A., see D.E. Bryant,         171         (1997)         55-75           Rodger, C.A., see H.L. Fu         178         (1998)         63-71           Rodger, C.A., see M.E. Raines         176         (1997)         211-222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172         (1997)         115-119           Rusu, I., Building counterexamples         171         (1997)         213-227           Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast coefficients         172         (1997)         121-130           Sali, A., see R.P. Anstee         175         (1997)         121-130           Sali, A., see R.P. Anstee         176         (1997)         121-130           Satyanarayana, A., see A. Sakaloglu         172         (1997)         121-130           Satyanarayana, A., see J. Rodriguez         172         (1997)         121-130			,	
groups         177         (1997)         195-222           Rhodes, S.J., see A.G. Chetwynd         177         (1997)         17-32           Riordan, O., see B. Bollobás         179         (1998)         223-230           Rodger, C.A., see C.C Lindner         171         (1997)         55-75           Rodger, C.A., see D.E. Bryant,         171         (1997)         55-75           Rodger, C.A., see M.E. Raines         176         (1997)         211-222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172         (1997)         115-119           Rusu, I., Building counterexamples         172         (1997)         121-222           Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients         172         (1997)         121-130           Sali, A., see R.P. Anstee         175         (1997)         122-23           Sato, I., see H. Mizuno         176         (1997)         121-130           Satyanarayana, A., see A. Sakaloglu         172         (1997)         121-130           Savage, C.D., see J.M. Nolan         172         (1997)         121-130           Savage, C.D., see J.M. Nolan         179         (1997)         121-130           Schmidt, B., sonexistence of a (783, 69, 6	•	100	(1990)	233-260
Rhodes, S.J., see A.G. Chetwynd         177 (1997)         17 32           Riordan, O., see B. Bollobás         179 (1998)         223-230           Rodger, C.A., see C.C Lindner         173 (1997)         1 - 14           Rodger, C.A., see D.E. Bryant,         171 (1997)         55- 75           Rodger, C.A., see M.E. Raines         176 (1997)         211-222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172 (1997)         115-119           Rusu, I., Building counterexamples         171 (1997)         213-227           Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast chromatic coefficients         172 (1997)         121-130           Sali, A., see R.P. Anstee         175 (1997)         13- 21           Santmyer, J.M., A Stirling like sequence of rational numbers         171 (1997)         122-235           Sato, I., see H. Mizuno         176 (1997)         197-202           Satyanarayana, A., see J. Rodriguez         172 (1997)         121-130           Satyanarayana, A., see J. Rodriguez         172 (1997)         121-130           Savage, C.D., see J.M. Nolan         179 (1997)         121-21           Scapellato, R., see W. Pacco         173 (1997)         291-296           Scheinerman, E.R., see M. Jacobson         176 (1997)         159-175 <td></td> <td>177</td> <td>(1997)</td> <td>195-222</td>		177	(1997)	195-222
Riordan, O., see B. Bollobás         179         (1998)         223-230           Rodger, C.A., see C.C Lindner         173         (1997)         1- 14           Rodger, C.A., see D.E. Bryant,         171         (1997)         55- 75           Rodger, C.A., see H.L. Fu         178         (1998)         63- 71           Rodger, C.A., see M.E. Raines         176         (1997)         211-222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172         (1997)         115-119           Rusu, I., Building counterexamples         171         (1997)         121-227           Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast chromatic coefficients         172         (1997)         121-130           Sali, A., see R.P. Anstee         175         (1997)         13- 21           Sali, A., see R.P. Anstee         171         (1997)         121-130           Satyanarayana, A., see A. Sakaloglu         171         (1997)         121-130           Satyanarayana, A., see J. Rodriguez         172         (1997)         121-130           Scapellato, R., see W. Pacco         173         (1997)         121-130           Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)         176         (1997)         159-175				
Rodger, C.A., see C.C Lindner         173         (1997)         1-14           Rodger, C.A., see D.E. Bryant,         171         (1997)         55-75           Rodger, C.A., see H.L. Fu         178         (1998)         63-71           Rodger, C.A., see M.E. Raines         176         (1997)         211-222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172         (1997)         115-119           Rusu, I., Building counterexamples         172         (1997)         121-222           Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast chromatic coefficients         172         (1997)         121-130           Sali, A., see R.P. Anstee         175         (1997)         121-130           Satyanarayana, A., see R.P. Anstee         175         (1997)         122-23           Sato, I., see H. Mizuno         176         (1997)         121-130           Satyanarayana, A., see J. Rodriguez         172         (1997)         121-130           Satyanarayana, A., see J. Rodriguez         172         (1997)         121-130           Scapellato, R., see W. Pacco         173         (1997)         121-19           Scapellato, R., see W. Pacco         176         (1997)         159-175           Schmidt, B., Non			,	
Rodger, C.A., see D.E. Bryant,         171 (1997)         55-75           Rodger, C.A., see H.L. Fu         178 (1998)         63-71           Rodger, C.A., see M.E. Raines         176 (1997)         211-222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172 (1997)         115-119           Rusu, I., Building counterexamples         171 (1997)         213-227           Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast chromatic coefficients         172 (1997)         121-130           Sali, A., see R.P. Anstee         175 (1997)         13-21           Santmyer, J.M., A Stirling like sequence of rational numbers         171 (1997)         229-235           Sato, I., see H. Mizuno         176 (1997)         197-202           Satyanarayana, A., see A. Sakaloglu         172 (1997)         115-119           Savage, C.D., see J.M. Nolan         179 (1998)         277-283           Scapellato, R., see W. Pacco         173 (1997)         291-296           Scheinerman, E.R., see M. Jacobson         176 (1997)         159-175           Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)         178 (1998)         157-171           Schröder, B.S.W., On CC-comparability invariance of the fixed point property         179 (1998)         167-183           Scott, A.D., On graph de			,	
Rodger, C.A., see H.L. Fu         178 (1998)         63 – 71           Rodger, C.A., see M.E. Raines         176 (1997)         211 – 222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172 (1997)         115 – 119           Rusu, I., Building counterexamples         171 (1997)         213 – 227           Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients         172 (1997)         121 – 130           Sali, A., see R.P. Anstee         175 (1997)         13 – 21           Santmyer, J.M., A Stirling like sequence of rational numbers         171 (1997)         229 – 235           Sato, I., see H. Mizuno         176 (1997)         121 – 130           Satyanarayana, A., see A. Sakaloglu         172 (1997)         121 – 130           Satyanarayana, A., see J. Rodriguez         172 (1997)         121 – 130           Scapellato, R., see W. Pacco         173 (1997)         197 – 193           Scapellato, R., see W. Pacco         173 (1997)         291 – 296           Scheinerman, E.R., see M. Jacobson         176 (1997)         159 – 175           Schidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)         178 (1998)         283 – 285           Schott, R., see P. Feinsilver         180 (1998)         157 – 171           Sciriha, I. and S. Fiorini, On the			,	
Rodger, C.A., see M.E. Raines         176         (1997)         211–222           Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients         172         (1997)         115–119           Rusu, I., Building counterexamples         171         (1997)         213–227           Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients         172         (1997)         121–130           Sali, A., see R.P. Anstee         175         (1997)         13–21           Santmyer, J.M., A Stirling like sequence of rational numbers         171         (1997)         121–130           Satyanarayana, A., see H. Mizuno         176         (1997)         121–130           Satyanarayana, A., see A. Sakaloglu         172         (1997)         121–130           Satyanarayana, A., see J. Rodriguez         172         (1997)         121–130           Savage, C.D., see J.M. Nolan         179         (1997)         121–130           Scapellato, R., see W. Pacco         173         (1997)         121–130           Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)         176         (1997)         159–175           Schött, R., see P. Feinsilver         180         (1998)         157–171           Schröder, B.S.W., On CC-comparability invariance of the fixed point pr			,	
Rodriguez, J. and A. Satyanarayana, Chromatic polynomials with least coefficients   172 (1997)   115–119   Rusu, I., Building counterexamples   171 (1997)   213–227   213–227   213–227   213–227   213–227   213–227   213–227   213–227   213–227   213–228   213–228   215–218   215–219   215–219   215–219   215–219   215–219   215–219   215–219   215–219   215–219   229–235   215–219   215–219   229–235   215–219   215–219   229–235   215–219				
with least coefficients       172 (1997)       115–119         Rusu, I., Building counterexamples       171 (1997)       213–227         Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients       172 (1997)       121–130         Sali, A., see R.P. Anstee       175 (1997)       13–21         Santmyer, J.M., A Stirling like sequence of rational numbers       171 (1997)       229–235         Sato, I., see H. Mizuno       176 (1997)       197–202         Satyanarayana, A., see A. Sakaloglu       172 (1997)       121–130         Satyanarayana, A., see J. Rodriguez       172 (1997)       121–130         Savage, C.D., see J.M. Nolan       179 (1998)       277–283         Scapellato, R., see W. Pacco       173 (1997)       291–296         Scheinerman, E.R., see M. Jacobson       176 (1997)       159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178 (1998)       283–285         Schott, R., see P. Feinsilver       180 (1998)       157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179 (1998)       167–183         Scitiha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174 (1997)       293–308         Scott, A.D., On graph decompositions modulo k (Note)       175 (1997)	-	170	(1))))	211 222
Rusu, I., Building counterexamples       171 (1997) 213–227         Sakaloglu, A. and A. Satyanarayana, Planar graphs withleast chromatic coefficients       172 (1997) 121–130         Sali, A., see R.P. Anstee       175 (1997) 13–21         Santmyer, J.M., A Stirling like sequence of rational numbers       171 (1997) 229–235         Sato, I., see H. Mizuno       176 (1997) 197–202         Satyanarayana, A., see A. Sakaloglu       172 (1997) 121–130         Satyanarayana, A., see J. Rodriguez       172 (1997) 115–119         Savage, C.D., see J.M. Nolan       179 (1998) 277–283         Scapellato, R., see W. Pacco       173 (1997) 291–296         Scheinerman, E.R., see M. Jacobson       176 (1997) 159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178 (1998) 283–285         Schott, R., see P. Feinsilver       180 (1998) 157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179 (1998) 167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174 (1997) 293–308         Scott, A.D., Reconstructing sequences       175 (1997) 231–238         Scott, A.D., see D.M. Berman       175 (1997) 35–40         Senato, D., A. Venezia and J. Yang, Möbius polynomial species       173 (1997) 229–256         Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials f		172	(1997)	115_119
Sakaloglu, A. and A. Satyanarayana, Planar graphs with-least chromatic coefficients       172 (1997) 121–130         Sali, A., see R.P. Anstee       175 (1997) 13–21         Santmyer, J.M., A Stirling like sequence of rational numbers       171 (1997) 229–235         Sato, I., see H. Mizuno       176 (1997) 197–202         Satyanarayana, A., see A. Sakaloglu       172 (1997) 121–130         Satyanarayana, A., see J. Rodriguez       172 (1997) 115–119         Savage, C.D., see J.M. Nolan       179 (1998) 277–283         Scapellato, R., see W. Pacco       173 (1997) 291–296         Scheinerman, E.R., see M. Jacobson       176 (1997) 159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178 (1998) 283–285         Schott, R., see P. Feinsilver       180 (1998) 157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179 (1998) 167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174 (1997) 293–308         Scott, A.D., On graph decompositions modulo k (Note)       175 (1997) 289–291         Scott, A.D., see D.M. Berman       175 (1997) 35–40         Senato, D., A. Venezia and J. Yang, Möbius polynomial species       173 (1997) 229–256         Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags       180 (1998) 345–355 <td></td> <td></td> <td></td> <td></td>				
least chromatic coefficients	rease, i., bending counterexamples	1 / 1	(1)))	213 221
least chromatic coefficients	Sakaloglu, A. and A. Satyanarayana, Planar graphs with-			
Sali, A., see R.P. Anstee       175       (1997)       13–21         Santmyer, J.M., A Stirling like sequence of rational numbers       171       (1997)       229–235         Sato, I., see H. Mizuno       176       (1997)       197–202         Satyanarayana, A., see A. Sakaloglu       172       (1997)       121–130         Satyanarayana, A., see J. Rodriguez       172       (1997)       115–119         Savage, C.D., see J.M. Nolan       179       (1998)       277–283         Scapellato, R., see W. Pacco       173       (1997)       291–296         Scheinerman, E.R., see M. Jacobson       176       (1997)       159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178       (1998)       283–285         Schott, R., see P. Feinsilver       180       (1998)       157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179       (1998)       167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174       (1997)       293–308         Scott, A.D., Reconstructing sequences       175       (1997)       231–238         Scott, A.D., see D.M. Berman       175       (1997)       35–40         Senato, D., A. Venezia and J. Yang,		172	(1997)	121-130
Santmyer, J.M., A Stirling like sequence of rational numbers       171       (1997)       229–235         Sato, I., see H. Mizuno       176       (1997)       197–202         Satyanarayana, A., see A. Sakaloglu       172       (1997)       121–130         Satyanarayana, A., see J. Rodriguez       172       (1997)       115–119         Savage, C.D., see J.M. Nolan       179       (1998)       277–283         Scapellato, R., see W. Pacco       173       (1997)       291–296         Scheinerman, E.R., see M. Jacobson       176       (1997)       159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178       (1998)       283–285         Schott, R., see P. Feinsilver       180       (1998)       157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179       (1998)       167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174       (1997)       293–308         Scott, A.D., Reconstructing sequences       175       (1997)       289–291         Scott, A.D., see D.M. Berman       175       (1997)       35–40         Senato, D., A. Venezia and J. Yang, Möbius polynomial species       173       (1997)       229–256 <t< td=""><td>Sali, A., see R.P. Anstee</td><td>175</td><td></td><td></td></t<>	Sali, A., see R.P. Anstee	175		
Sato, I., see H. Mizuno       176 (1997) 197–202         Satyanarayana, A., see A. Sakaloglu       172 (1997) 121–130         Satyanarayana, A., see J. Rodriguez       172 (1997) 115–119         Savage, C.D., see J.M. Nolan       179 (1998) 277–283         Scapellato, R., see W. Pacco       173 (1997) 291–296         Scheinerman, E.R., see M. Jacobson       176 (1997) 159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178 (1998) 283–285         Schott, R., see P. Feinsilver       180 (1998) 157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179 (1998) 167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174 (1997) 293–308         Scott, A.D., On graph decompositions modulo k (Note)       175 (1997) 289–291         Scott, A.D., Reconstructing sequences       175 (1997) 231–238         Scott, A.D., see D.M. Berman       175 (1997) 251–238         Schapiro, B., M. Shapiro and A. Vainshtein, Kazhdan-Lusztig polynomials for certain varieties of incomplete flags       173 (1997) 229–256	Santmyer, J.M., A Stirling like sequence of rational numbers	171		
Satyanarayana, A., see A. Sakaloglu       172 (1997) 121–130         Satyanarayana, A., see J. Rodriguez       172 (1997) 115–119         Savage, C.D., see J.M. Nolan       179 (1998) 277–283         Scapellato, R., see W. Pacco       173 (1997) 291–296         Scheinerman, E.R., see M. Jacobson       176 (1997) 159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178 (1998) 283–285         Schott, R., see P. Feinsilver       180 (1998) 157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179 (1998) 167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174 (1997) 293–308         Scott, A.D., On graph decompositions modulo k (Note)       175 (1997) 231–238         Scott, A.D., Reconstructing sequences       175 (1997) 231–238         Scott, A.D., see D.M. Berman       175 (1997) 251–236         Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan-Lusztig polynomials for certain varieties of incomplete flags       170 (1998) 345–355	· · · · · · · · · · · · · · · · · · ·	176		197-202
Satyanarayana, A., see J. Rodriguez       172 (1997) 115–119         Savage, C.D., see J.M. Nolan       179 (1998) 277–283         Scapellato, R., see W. Pacco       173 (1997) 291–296         Scheinerman, E.R., see M. Jacobson       176 (1997) 159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178 (1998) 283–285         Schott, R., see P. Feinsilver       180 (1998) 157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179 (1998) 167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174 (1997) 293–308         Scott, A.D., On graph decompositions modulo k (Note)       175 (1997) 231–238         Scott, A.D., Reconstructing sequences       175 (1997) 231–238         Scott, A.D., see D.M. Berman       175 (1997) 251–236         Schapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags       180 (1998) 345–355	Satyanarayana, A., see A. Sakaloglu	172	(1997)	
Savage, C.D., see J.M. Nolan       179       (1998)       277–283         Scapellato, R., see W. Pacco       173       (1997)       291–296         Scheinerman, E.R., see M. Jacobson       176       (1997)       159–175         Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)       178       (1998)       283–285         Schott, R., see P. Feinsilver       180       (1998)       157–171         Schröder, B.S.W., On CC-comparability invariance of the fixed point property       179       (1998)       167–183         Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph       174       (1997)       293–308         Scott, A.D., On graph decompositions modulo k (Note)       175       (1997)       289–291         Scott, A.D., Reconstructing sequences       175       (1997)       231–238         Scott, A.D., see D.M. Berman       175       (1997)       35–40         Senato, D., A. Venezia and J. Yang, Möbius polynomial species       173       (1997)       229–256         Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan-Lusztig polynomials for certain varieties of incomplete flags       180       (1998)       345–355		172	(1997)	115-119
Scapellato, R., see W. Pacco Scheinerman, E.R., see M. Jacobson Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note) Schott, R., see P. Feinsilver Schröder, B.S.W., On CC-comparability invariance of the fixed point property Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph Scott, A.D., On graph decompositions modulo k (Note) Scott, A.D., Reconstructing sequences Scott, A.D., see D.M. Berman Senato, D., A. Venezia and J. Yang, Möbius polynomial species Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  173 (1997) 293–296 175 (1997) 231–238 175 (1997) 229–256 176 (1997) 229–256 177 (1997) 229–256 178 (1997) 229–256		179	(1998)	277-283
Schmidt, B., Nonexistence of a (783, 69, 6)-difference set (Note)  Schott, R., see P. Feinsilver  Schröder, B.S.W., On CC-comparability invariance of the fixed point property  Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph  Scott, A.D., On graph decompositions modulo k (Note)  Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  180 (1998) 283–285  187–171  189 (1998) 167–183  174 (1997) 293–308  175 (1997) 231–238  175 (1997) 231–238  176 (1997) 229–256  177 (1997) 35–40  178 (1997) 229–256		173	(1997)	291-296
(Note) 178 (1998) 283–285 Schott, R., see P. Feinsilver 180 (1998) 157–171 Schröder, B.S.W., On CC-comparability invariance of the fixed point property 179 (1998) 167–183 Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph 174 (1997) 293–308 Scott, A.D., On graph decompositions modulo k (Note) 175 (1997) 289–291 Scott, A.D., Reconstructing sequences 175 (1997) 231–238 Scott, A.D., see D.M. Berman 175 (1997) 35–40 Senato, D., A. Venezia and J. Yang, Möbius polynomial species 173 (1997) 229–256 Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags 180 (1998) 345–355	Scheinerman, E.R., see M. Jacobson	176	(1997)	159-175
Schott, R., see P. Feinsilver  Schröder, B.S.W., On CC-comparability invariance of the fixed point property  Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph  Scott, A.D., On graph decompositions modulo k (Note)  Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  180 (1998) 157–171  173 (1997) 293–308  175 (1997) 231–238  175 (1997) 231–238  176 (1997) 229–256  177 (1997) 35–40  178 (1997) 229–256	Schmidt, B., Nonexistence of a (783, 69, 6)-difference set			
Schröder, B.S.W., On CC-comparability invariance of the fixed point property  Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph  Scott, A.D., On graph decompositions modulo k (Note)  Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  179 (1998) 167–183  174 (1997) 293–308  175 (1997) 231–238  175 (1997) 35–40  176 (1997) 35–40  177 (1997) 35–40  178 (1997) 35–35	(Note)	178	(1998)	283-285
fixed point property  Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph  Scott, A.D., On graph decompositions modulo k (Note)  Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  179 (1998) 167–183  174 (1997) 293–308  175 (1997) 231–238  176 (1997) 35–40  177 (1997) 229–256  178 (1997) 35–40  179 (1998) 345–355	Schott, R., see P. Feinsilver	180	(1998)	157-171
Sciriha, I. and S. Fiorini, On the characteristic polynomial of homeomorphic images of a graph  Scott, A.D., On graph decompositions modulo k (Note)  Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  Sciriha, I. and S. Fiorini, On the characteristic polynomial of 174 (1997) 293–308  175 (1997) 231–238  176 (1997) 259–256  177 (1997) 229–256  178 (1997) 229–256	Schröder, B.S.W., On CC-comparability invariance of the			
homeomorphic images of a graph  Scott, A.D., On graph decompositions modulo $k$ (Note)  Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan-Lusztig polynomials for certain varieties of incomplete flags  174 (1997) 289–291  175 (1997) 231–238  176 (1997) 259–256  177 (1997) 229–256  178 (1997) 345–355	fixed point property	179	(1998)	167-183
Scott, A.D., On graph decompositions modulo k (Note) Scott, A.D., Reconstructing sequences Scott, A.D., see D.M. Berman Senato, D., A. Venezia and J. Yang, Möbius polynomial species Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  175 (1997) 231–238 175 (1997) 35–40 177 (1997) 229–256 178 (1997) 229–256 179 (1997) 229–256 179 (1997) 229–256 179 (1997) 229–256 179 (1997) 229–256	Sciriha, I. and S. Fiorini, On the characteristic polynomial of			
Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  175 (1997) 35–40  178 (1997) 229–256  179 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40	homeomorphic images of a graph	174	(1997)	293-308
Scott, A.D., Reconstructing sequences  Scott, A.D., see D.M. Berman  Senato, D., A. Venezia and J. Yang, Möbius polynomial species  Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags  175 (1997) 35–40  178 (1997) 229–256  179 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40  170 (1997) 35–40	Scott, A.D., On graph decompositions modulo k (Note)	175	(1997)	289-291
Scott, A.D., see D.M. Berman 175 (1997) 35–40 Senato, D., A. Venezia and J. Yang, Möbius polynomial species 173 (1997) 229–256 Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan–Lusztig polynomials for certain varieties of incomplete flags 180 (1998) 345–355		175	(1997)	231-238
species 173 (1997) 229-256 Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan- Lusztig polynomials for certain varieties of incomplete flags 180 (1998) 345-355	Scott, A.D., see D.M. Berman	175	(1997)	
Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan- Lusztig polynomials for certain varieties of incomplete flags 180 (1998) 345-355	Senato, D., A. Venezia and J. Yang, Möbius polynomial			
Lusztig polynomials for certain varieties of incomplete flags 180 (1998) 345–355	species	173	(1997)	229-256
flags 180 (1998) 345-355	Shapiro, B., M. Shapiro and A. Vainshtein, Kazhdan-			
flags 180 (1998) 345-355	Lusztig polynomials for certain varieties of incomplete			
Shapiro, M., see B. Shapiro 180 (1998) 345-355		180	(1998)	345-355
100 (1770) 343 333	Shapiro, M., see B. Shapiro	180	(1998)	345-355

Sheehan, J., see B. Jackson	177	(1997)	123-144
Shen, R. and F. Tian, Long dominating cycles in graphs			
(Note)	177	(1997)	287-294
Shiraishi, S., A remark on maximum matching of line graphs			
(Note)	179	(1998)	289-291
Shiu, W.C., see P.C.B. Lam	173	(1997)	285 - 289
Siemons, I.J., Kernels of modular inclusion maps	174	(1997)	309-315
Simó, E. and J.L.A. Yebra, The vulnerability of the diameter			
of folded n-cubes	174	(1997)	317-322
Simpson, J., see S.G. Boswell	179	(1998)	235-241
Soták, R., see M. Horňák	176	(1997)	139 - 148
Spicer, E.R., see D.E. Bryant,	171	(1997)	55- 75
Sprugnoli, R., see C. Corsani	180	(1998)	107-122
Steingrimsson, E., A chromatic partition polynomial	180	(1998)	357-368
Stong, R., Permutations of the positive integers with speci-			
fied differences	176	(1997)	223-231
Su, XY., Some generalizations of Menger's theorem con-		,	
cerning arc-connected digraphs (Note)	175	(1997)	293-296
Suffel, C., see L. Petingi	179	(1998)	155-166
Sulanke, R.A., Catalan path statistics having the Narayana		1	
distribution	180	(1998)	369-389
Sziklai, P., Nuclei of pointsets in $PG(n,q)$	174	(1997)	323-327
Szymczak, T., see A. Brandstädt	177	(1997)	9- 16
Tan, B.P., see K.M. Koh	173	(1997)	297-298
Tardif, C., A fixed box theorem for the cartesian product of			
graphs and metric spaces	171	(1997)	237-248
Teo, K.L., see K.M. Koh	172	(1997)	59- 78
Teo, K.L., see YH. Peng	172	(1997)	103-114
Teschner, U., New results about the bondage number of			
a graph	171	(1997)	249-259
Thas, J.A., Symplectic spreads in $PG(3,q)$ , inversive planes			
and projective planes	174	(1997)	329-336
Thatte, B.D., A reconstruction problem related to balance		,	
equations (Note)	176	(1997)	279-284
Theron, W.F.D. and G. Geldenhuys, Domination by queens		(,	
on a square beehive	178	(1998)	213-220
Tian, F., see H. Broersma	171	(1997)	43- 54
Tian, F., see R. Shen	177	(1997)	287-294
Tipnis, S.K., see M.J. Plantholt	177	(1997)	185-193
Tomescu, I., Maximum chromatic polynomial of 3-chro-	1//	(1997)	105 175
matic blocks	172	(1997)	131-139
Tsuchiya, M., see H. Era	179	(1998)	103-109
	1/9	(1770)	105-109

Tuza, Z., see M. Gionfriddo	174	(1997)	125-130
Tuza, Z., see L. Milazzo	174	(1997)	247-259
Tuza, Z., see L. Milazzo	174	(1227)	241 23)
Ueberberg, J., Projective planes and dihedral groups	174	(1997)	337-345
Ungerer, E., see J.H. Hattingh	171	(1997)	141-151
Ongoter, E., see J.H. Hattingh	1/1	(1777)	141 131
Vainshtein, A., see B. Shapiro	180	(1998)	345-355
Vallejo, E., Reductions of additive sets, sets of uniqueness			
and pyramids	173	(1997)	257-267
Veldman, H.J., see H. Broersma	171	(1997)	43- 54
Venezia, A., see D. Senato	173	(1997)	229-256
Vergnas, M.L., see G. Etienne	179	(1998)	111-119
Volkmann, L., The ratio of the irredundance and domina-			
tion number of a graph	178	(1998)	221-228
Vougiouklis, T., Convolutions on WASS hyperstructures	174	(1997)	347-355
Wakabayashi, Y., see M.A.C.M. Gurgel	175	(1997)	163-172
Waller, A.O., Some results on list T-colourings	174	(1997)	357-363
Wan, H., On nearly self-conjugate partitions of a finite set	175	(1997)	239-247
Wan, PJ., DZ. Du and R.L. Graham, The Steiner ratio for		(222.)	
the dual normed plane	171	(1997)	261-275
Wan, Z. and X. Wu, The weight hierarchies and generalized		(/	
weight spectra of the projective codes from degenerate			
quadrics	177	(1997)	223-243
Wan, Zx., Geometry of classical groups over finite fields		(1221)	
and its applications	174	(1997)	365-381
Wang, H., see D.M. Berman	175	(1997)	35- 40
Wang, H., see YH. Peng	172	,	103-114
Wargo, L., see D.M. Berman	175	1	
West, D.B., Short proofs for interval digraphs ( <i>Note</i> )	178	,	287-292
White, N., see A.V. Borovik	179	1	
Whitehead Jr., E.G., see ZY. Guo	172	,	
Wilf, H.S., see J.M. Nolan	179	1-1-1	277-283
Wilson, B.J., see T.S. Griggs	174	(	
Woeginger, G.J., see Q.F. Yang	176	,	233-254
Wong, S.A., Extending fixed vertex-colourings to total	170	(1997)	233-234
colourings ( <i>Note</i> )	177	(1997)	295-297
Woodall, D.R., The largest real zero of the chromatic-		(1997)	293-291
	172	(1007)	141 152
polynomial		(1997)	141–153
Wu, H., On contractible and vertically contractible elements		(1000)	185 202
in 3-connected matroids and graphs	179	4	
Wu, X., see Z. Wan	177	(1997)	223-243

Yang, J., see D. Senato	173	(1997)	229-256
Yang, M., An algorithm for computing plethysm coefficients	180	(1998)	391-402
Yang, Q.F., R.E. Burkard, E. Çela and G.J. Woeginger,		(*****)	
Hamiltonian cycles in circulant digraphs with two stripes	176	(1997)	233-254
Yang, Y., see X. Lin	175	(1997)	277-282
Ye, C. and X. Bao, New families of adjointly unique graphs	172	(1997)	155-162
Yebra, J.L.A., see E. Simó	174	(1997)	317-322
Yokomura, K., A degree sum condition on hamiltonian			
cycles in balanced 3-partite graphs (Note)	178	(1998)	293-297
Yu, Z., see X. Lin	175	(1997)	277-282
Yuster, R., Independent transversals in r-partite graphs	176	(1997)	255-261
Zaks, J., Monohedrally knotted tilings of the 3-space	174	(1997)	383-386
Zanella, C., see J. Misfeld	174	(1997)	261-269
Zaslavsky, T., Signed analogs of bipartite graphs	179	(1998)	205-216
Zhang, C., see X. Lin	175	(1997)	277-282
Zhang, CQ., see M. Darrah	173	(1997)	23- 33
Zhang, F., see P. Hansen	176	(1997)	131-138
Zhang, H., The Clar covering polynomial of hexagonal			
systems with an application to chromatic polynomials	172	(1997)	163-173
Zhang, P., The characteristic polynomials of subarrange-			
ments of Coxeter arrangements (Communication)	177	(1997)	245-248
Zhao, LC., see RY. Liu	171	(1997)	169-177
Zheng, M., see P. Hansen	176	(1997)	131 - 138
Zhou, H., Multiplicativity of acyclic digraphs	176	(1997)	263-271
Zhu, M., see X. Lin	175	(1997)	277-282
Zijlstra, R., see R. Gardner	171	(1997)	121-139
Zijlstra, R., see R. Gardner	175	(1997)	143-161
Zizioli, E., Embedding of incidence structures in projective			
spaces	174	(1997)	387-395
Zörnig, P., On the line graphs of the complete r-partite			
graphs	171	(1997)	277-282
Zvonkin, A., How to draw a group?	180	(1998)	403-413

#### Scope of the Journal

The aim of this journal is to bring together research papers in different areas of discrete mathematics. Contributions presented to the journal can be research papers, short notes, surveys, and possibly research problems. The 'Communications' section will be devoted to the fastest possible publication of the brief outlines of recent research results, the detailed presentation of which might be submitted for possible publication in DISC or elsewhere. The journal will also publish a limited number of book announcements, as well as proceedings of conferences. The journal will publish papers in combinatorial mathematics and related areas. In particular, graph and hypergraph theory, network theory, coding theory, block designs, lattice theory, the theory of partially ordered sets, combinatorial geometries, matroid theory, extremal set theory, logic and automata, matrices, polyhedra, discrete probability theory, etc. shall be among the fields covered by the journal.

#### Instructions to contributors

All contributions should be written in English or French, should have an abstract in English (as well as one in French if the paper is written in French), and—with the exception of Communications—should be sent in triplicate to Nelly Segal, Editorial Manager, RUTCOR, Rutgers, the State University of New Jersey, 640 Bartholomew Road, Piscataway, NJ 08854-8003, USA. The authors are requested to put their mailing address on the manuscript.

Upon acceptance of an article, the author(s) will be asked to transfer copyright of the article to the Publisher. This transfer will ensure the widest possible dissemination of information.

Manuscripts submitted for the Communications section, having at most 5 typewritten pages, should be sent to a member of the editorial board in triplicate. Detailed proofs do not have to be included, but results must be accompanied at least by rough outlines of their proofs. Subsequent publication in this journal or elsewhere of the full text of a research report, the outline of which has been published in the Communications section of our journal, is not excluded. Every effort shall be made for the fastest possible publication of Communications.

Please make sure that the paper is submitted in its final form. Corrections in the proofstage, other than of printer's errors, should be avoided; costs arising from such extra corrections will be charged to the authors.

The manuscript should be prepared for publication in accordance with instructions given in the 'Instructions to Authors' (available from the Publisher) details of which are condensed below:

- The manuscript must be typed on one side of the paper in double spacing with wide margins. A duplicate copy should be retained by the author.
- 2. Special care should be given to the preparation of the drawings for figures and diagrams. Except for a reduction in size, they will appear in the final printing in exactly the same form as they were submitted by the author; normally they will not be redrawn by the printer. In order to make a photographic reproduction possible, all drawings should be on separate sheets, with wide margins, drawn large size, in Indian ink, and carefully lettered. Exceptions are diagrams only containing formulae and a small number of single straight lines (or arrows); these can be typeset by the printer.
- 3. References should be listed alphabetically, in the same way as the following examples:

For a book: W.K. Chen, Applied Graph Theory (North-Holland, Amsterdam, 1971).

For a paper in a journal: M.M.G. Fase and M. van Tol, The monetary return on investment in paintings, Econom. Statist. Ber. 79 (1994) 684-689.

For a paper in a contributed volume: M.O. Rabin, Weakly definable relations and special automata, in: Y. Bar-Hillel, ed., Mathematical Logic and Foundations of Set Theory (North-Holland, Amsterdam, 1970) 1–23.

For an unpublished paper: R. Schrauwen, Series of singularities and their topology, Ph.D. Thesis, Utrecht University, Utrecht, 1991.

#### Instructions for LaTeX manuscripts

The LaTeX files of papers that have been accepted for publication may be sent to the Publisher by e-mail or on a diskette (3.5" or 5.25" MS-DOS). If the file is suitable, proofs wil be produced without rekeying the text. The article should be encoded in Elsevier-LaTeX, standard LaTeX, or AMS-LaTeX (in document style "article"). The Elsevier-LaTeX package, together with instructions on how to prepare a file, is available from the Publisher. This package can also be obtained through the Elsevier WWW home page (http://www.elsevier.nl/), or using anonymous FTP from the Comprehensive TeX Archive Network (CTAN). The host-names are: ftp.dante.de, ftp.tex.ac.uk, ftp.shsu.edu; the CTAN directory is: /tex-archive/macros/ latex/contrib/ supported/elsevier. No changes from the accepted version are permissble, without the explicit approval by the Editor. The Publisher reserves the right to decide whether to use the author's file or not. If the file is sent by e-mail, the name of the journal Discrete Mathematics, should be mentioned in the "subject field" of the message to identify the paper. Authors should include an ASCII table (available from the Publisher) in their files to enable the detection of transmission errors. The files should be mailed to: Ms. Paulette de Boer, Elsevier Science B.V., P.O. Box 103, 1000 AC Amsterdam, Netherlands, Fax: (31-20) 4852616. E-mail: p.boer@elsevier.nl.

#### Author's benefits

- 1. 30% discount on all book publications of North-Holland.
- 2. 50 reprints are provided free of charge to the principal author of each paper published.

US mailing notice—Discrete Mathematics (0012-365x) is published (total 16 issues) by Elsevier Science (Molenwerf 1, Postbus 211, 1000 AE Amsterdam). Annual subscription price in the USA US\$ 3488.00 (US\$ price valid in North, Central and South America only), including air speed delivery. Application to mail at periodicals postage rate is pending at Jamaica, NY 11431.

USA POSTMASTERS: Send address changes to Discrete Mathematics, Publication Expediting, Inc., 200 Meacham Avenue, Elmont, NY 11003. Air freight and mailing in the USA by Publication Expediting.



0012-365X(1998)171/180:1-C

Keep track of recently published papers http://www.elsevier.nl/locate/disc

